



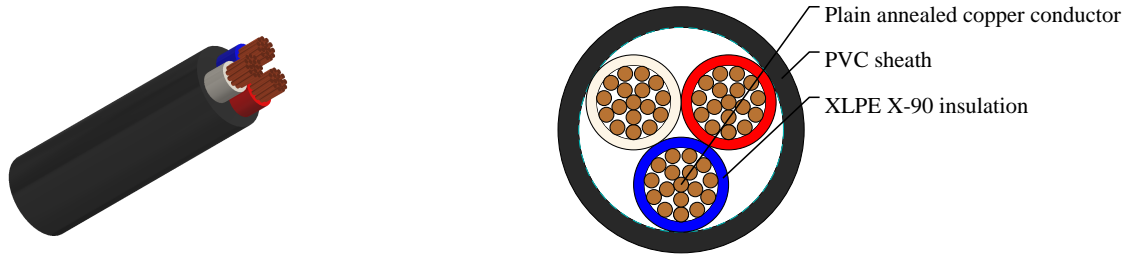
# Caledonian

Industrial Cables (Australian Standard Low Voltage)

www.caledonian-cables.com

marketing@caledonian-cables.com

## XLPE Insulated, PVC Sheathed Unarmored Multicore control Cables 0.6/1kV



### APPLICATIONS

These cables are used for control circuits unenclosed, enclosed in conduit, buried direct or in underground ducts for commercial, industrial, mining and electricity authority systems where not subject to mechanical damage.

### STANDARDS

AS/NZS 5000.1

AS/NZS 3008

AS/NZS 1125

### APPROVALS

SAA Certification (SAA-173128-EA)

### VOLTAGE RATING

0.6/1kV

### CABLE CONSTRUCTION

Conductor: Plain annealed copper

Insulation: XLPE X-90

Sheath: Polyvinylchloride compound PVC 5V-90

### COLOUR CODE

Insulation Colours: Red, White, Blue

Sheath Colours: Black, other colors are available upon request

### TECHNICAL CHARACTERISTICS

Nom. Cross-Section Area	Current Ratings (Unenclosed In Air)	Current Ratings (Buried Direct)	Current Ratings (Buried In Ducts)	Maximum DC Resistance @20°C	Maximum AC Resistance @90°C	Reactance	Voltage Drop at Max Operating Temperature (Three Phase)
mm <sup>2</sup>	A	A	A	Ohm/km	Ohm/km	Ohm/km	mV/A/m



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16	91	118	89	1.15	1.47	0.081	2.55
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## DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	No./Nominal Diameter of Strands	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm <sup>2</sup>	no./mm	mm	mm	mm	kg/km
3x16	7/1.70	0.7	1.4	17.6	625